


European and American Television Cameras

	Make	IVC
	Model	7000P
	Country	USA
	Camera Type : Portable Colour	
	Camera Description : Large camera with tubes in vertical fan array, mounts forward of the shoulder with chest brace, CCU/interface pack.	

Data		Data	
Tube details	3 x Plumbicons 25mm, sep. mesh.	Line standards	625/50 525/60
Lens details	Zoom	Colour standards	PAL/NTSC/SECAM/PAL-M
Sig. to Noise	49dB. @ f2.8 with 5.5MHz bandwidth	Drives or locking	Genlock
Sensitivity	750Lux f2.8	Weight *	7.3Kg.
Resolution	100% at 400lines with AP. correction	Colours	Cream and Black
Viewfinder	3 inch. On long tilting arm.	Dimensions *	432H x 127W x 432L mm.
Camera cable	TV59/TV81 200/5000ft	Date designed	1970/1971 est.
Power supply	120W. AC or 12V. DC or Battery	Dates used	In use in 1983, Grampian TV
*Excluding Lens & Viewfinder			

Associated equipment

Control pack (CCU) with battery or mains power pack, Auxiliary unit (interface to IVC 7000 standard CCU), Base station, Base station control panel, Joystick RCP. Studio adapter for large lens and viewfinder. Choice of zoom lenses.

Features

A two box solution to the need for portable cameras, with proper set up controls in the CCU. Light bias, ACT option, auto black and white.

General description

The IVC 7000P was a multi-role camera and had a good specification and wide range of options. Large camera with tubes in vertical fan array, mounts forward of the shoulder with chest brace, CCU/interface pack.

References

Television Production by Alan Wurtzel MG, page 62.
IBA Television and Radio 1984 page 113/4 shows the large lens adapter in use.

Manufacturer

International Video Corporation, Sunnyvale, California.

Notes

In use the PSU was reported to be unreliable. There is also a problem with the tubes, it seems that over a long period of time the "bonded faceplate" starts to separate from the tube. This leads to a strange fingerprint pattern on the output.

Used By

LWT, Thames, HTV, Molinare, Telluloid, Grampian, in the UK. In 1978 it was reported that 27 IVC7000p were in use in the UK. The 7000p cost \$48,000 in 1975.



IVC 7000p Control Pack (CCU)